

Title (en)
CONTACT CLEANING APPARATUS

Title (de)
KONTAKTREINIGUNGSVORRICHTUNG

Title (fr)
APPAREIL DE NETTOYAGE DE CONTACT

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Abstract (en)

[origin: WO2021178236A1] The present invention relates to a contact cleaning apparatus for a sheet substrate (80) having a curved leading edge (82). The contact cleaning apparatus comprises an elastomeric cleaning roller (24) and an air supply manifold (40) configured and arranged to direct air towards a contact zone on the elastomeric roller; and a conveyor (16) for carrying a sheet substrate to be cleaned towards the elastomeric cleaning roller, wherein the air supply manifold configured and arranged to a direct stream of air onto a leading edge of the curved sheet and/or onto the contact zone of the elastomeric cleaning roller such that the sheet is flattened at the point of contact with the cleaning roller. A contact cleaning apparatus for a sheet substrate having a curved leading edge comprising a flattening means is also disclosed. The flattening means is disposed proximate a first conveyor and is configured to operably engage the curved leading edge of the sheet substrate such that the curved leading edge of the sheet substrate is flattened at a point of contact with the elastomeric cleaning roller.

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